

DETAILED ACTION

Response to Amendment

Amendment to claims 1, 16, 17 and 21 is noted.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Maryann Maas on 06/10/2010.

Claim 1 (c) (line 7): After "portion" please *add* -- "has"--

Claim 1 (c) (line 9): Please *delete* --"selectively" -- and *add* -- "selectivity"--

Claim 16 (c) (line 6-7): Please *delete* the additional --"wherein the aliphatic alkyl portion"--

Claim 16 (c) (line 7): Please *delete* --"and"-- and *add* --"has"--

Claim 21 (f) (line 5): Please *delete* --"selectively" -- and *add* --"selectivity"--

Claims Allowed

The following is an examiner's statement of reasons for allowance:

A modified alkylbenzene composition produced by a process, the process comprising the steps (a) through (d) as claimed in claim 1; steps (a) through (e) as claimed in claim 16; and steps (a) through (f) as claimed in claims 17 and 21; wherein a dehydrogenated product stream comprising a lightly branched C₁₀-C₂₈ acyclic monoolefin is recovered; and wherein the aliphatic alkyl portion has no

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quaternary carbon atoms except for any quaternary carbon atom bonded by a carbon-carbon bond with a carbon atom of the phenyl portion; and wherein the phenyl-alkanes have selectivity to 2-phenyl-alkanes of from about 40 to about 100 and a selectivity to internal quaternary phenyl-alkanes of less than 10; is not taught or fairly suggested in the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PREM C. SINGH whose telephone number is (571)272-6381. The examiner can normally be reached on 7:00 AM to 3:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenn Caldarola can be reached on 571-272-1444. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/Glenn A Caldarola/
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